

ABSTRACT

A method of forming prosthetic limbs is disclosed. A preferred embodiment of practicing the invention comprises the basic steps of scanning a portion of a residual limb on which 5 a prosthetic device is to be attached, creating a digital representation of a socket portion of the prosthetic device using the scanned information, and creating the socket out of physical material using a digitally controlled layered manufacturing technique driven by the digital representation 10 of the socket.